G. R. S. 59] GPB—15,000—22-7-14

GENERAL AND REVENUE SECRETARIAT.

1918.—99
(Sanitary.)

F-15

File No. 32 of 98

Serial Nos. 1—2

B

~~Papers~~ ~~Filed.~~

Month Augt 98

SUBJECT.

Construction of plague sheds at Lahore

PREVIOUS REFERENCES.	LATER REFERENCES.
	Indexed (Sd) N. B. Thaumann

Mrs 346

900 1898

From 3-8-98.

SECTION Sanit

FILE No. 32-98 To

SERIAL No. 1 55

The Plague Comm

The Secretary to the Govt. of Mysore,
Rev. and Gen. Depts.

Dated 14th July 1898

Despatched

Received

General No. 4326

No. 956

Enclosure No. 2

Subl for sanction Copy of an estimate amounting to Rs: 9713 on a/c of the Construction of sheds with Corrugated iron roofs mat sides at Harihar.

References to be marked.

OFFICE OF THE
PLAGUE COMMISSIONER IN MYSORE.

No. 4326 Ex2.
2-1957

DATED BANGALORE, 19th July 1898
26 "

From

THE PLAGUE COMMISSIONER IN MYSORE.

To

The Secretary to the Government of Mysore
General and Revenue departments.

SIR,

I have the honour to forward for favour of sanction copy of an estimate for Rs. 9713/- from the Executive Engineer of the Chitaldrug district, on account of construction of sheds with corrugated iron roofs and mat sides, at Harihar to be used as a disinfection and detention camp for passengers arriving from infected areas. In reference to this, I may explain that, while Rs. 3098/- have already been sanctioned by Government, as per G.P. No. 15490-91 M.F. 21-98 dated 27th May 1898 for the construction

of

Sheds at Harihar and spent for that-
purpose it will be seen from the accom-
panying copy of the Senior Surgeon's
notes on his last inspection of these
Sheds that they have proved practically
unfit for occupation during the monsoon
and new sheds have to be put up.
The present Sheds were run up in a
hurry to meet possible immediate
requirements & were apparently intended
by the local authorities by whom they
were first constructed to serve fair
weather requirements. They will not, how-
ever, be entirely abandoned, but will
be kept for use as a Health Camp, in the
event of plague breaking out at Harihar.
A portion of the present Sheds built pucka
for a Hospital will also be retained for that
purpose.

The new Sheds are proposed to be
erected near the Railway line in a locality
selected by the Senior Surgeon, and will, as observed
above, have corrugated iron roofing with Steel
uprights if procurable.

I have the honour to remain
Sir,
Your most obedient Servant
By Order
for Plague Commissioner

4

Senior Surgeon's notes on the present Plague Detention Camp at Harihar dated 25th June 1898.

Inspected the Plague Detention Camp on the right bank of the Tunga-Bhadra in company with M Plumer on special Plague duty and M. I. V Arnogum Modr, Civil Surgeon of Shimoga, who has been posted to Harihar as Inspecting Plague Officer. In the month of January Lord Sandhurst wired to Col. Robertson to the effect that plague had established itself in Hubli and that additional precautions to prevent its spreading into Mysore were necessary. I at once went to Harihar and selected a site (the present one) for what was then supposed to be a Quarantine Camp, though at the time I gave it as my opinion that rigorous Quarantine was not advisable and that I considered the old sheds near

the

the Railway Station were with some additions sufficient to meet all requirements. It was however decided by the Officiating Dewan that a Quarantine or observation Camp should at once be built, and orders were given to the P.W.D to put it in hand and the site selected by me was approved of. As it was considered then that the outbreak of plague at Hubli would follow the course of plague in Bombay and other parts, viz, that with the advent of the hot weather it would die out, so the sheds which were put up were practically intended for use in the dry weather only. The disease however instead of following the usual course has slowly and surely increased and with the onset of the monsoon has shown every sign of still further becoming epidemic

The main factor in determining the

the site of the present camp was the proximity to the river as there is no water to be had in the small camp near the Railway Station. The Railway authorities are now erecting a pump near the river and are laying down pipes for conveying it to the Railway Station, and as the supply will be ample, the difficulty is overcome and the question to be considered is whether the present camp which was practically intended for the dry season is suitable for the present rainy weather

The following are the objections to it

1st The sheds were run up hurriedly and have no basement and consequently when it rains owing to the nature of the soil the floors of the sheds are very damp.

2d The slope of the roofs, considering the material they are made of is insufficient Consequently none of them are water tight.

3d The walls of the sheds being

composed of split bamboos, covered with mud plastering, when exposed to the rain becomes exceedingly damp and the plastering falls off and the bamboo uprights of the sheds are already eaten away by whitecants and so the walls of many of the sheds are shaking and in some places have already fallen down.

Those that are still standing will, in my opinion, soon fall as the weight of the roofs has lately been considerably increased by the addition of more thatch to prevent leakage.

The Plague Hospital which is under construction with a good stone basement and brick and mud walls should, in my opinion, be completed as it can be utilized for plague cases should any be detected or should any cases occur in the town itself. As the present Camp is for the foregoing reasons unfit for use, and as it is necessary on account of the increase of plague at Hubli to have an observation camp

I am of opinion that it will be cheaper in the end if instead of running up Katcha buildings which are unsuitable in the present rainy season, a better class of sheds with corrugated roof with steel rails uprights should be erected to the south of the Railway Station, where the first sheds were put up, and which are at present used for the detention of passengers. This site is by far the best one there but it was condemned on account of its being so far away from any water supply. An estimate drawn up by Mr Plumer and myself has already been submitted to you for sanction, but as it is necessary that extra accommodation should be arranged for at once, I have in anticipation of your sanction and until the new Camp is sanctioned and put in hand, issued instructions to the Deputy Commissioner to make certain additions to the Camp near the Railway Station utilizing as far as possible material from the Observation Camp

near

near the river so that we may have in the course of the next 10 days sufficient accommodation for 50 passengers if required.

I instructed Mr. T.V. Ammegan to go to Hubli and to remain there for some few days to study the disease and to acquaint himself with all the measures that are being adopted there for the prevention and spread of plague.

I may add that the present camp near the river may be left as it is as in the event of plague breaking out it could be used as a Plague Camp.

Sd. P. H. Benson,
Surgeon Lt. Col.
Senior Surgeon and Sanitary
Commissioner with the
Government of Mysore

Copy

For Plague Commissioner

Chitaldrug Division

Abstract estimate of the probable cost of

Details of sheds	Dimensions				Sheds in
	No	L	B	Area in feet	Area
A. Disinfecting Camp.					
1 Shed to cover engine	1	20	15	300	300
1 Shed to cover Cylinder	1	20	15	300	300
2 Sheds for males & females of different castes, for giving disinfecting baths	2	18	10	360	
2 Sheds for male & female passengers to wait while their clothes are being disinfected	2	16	10	320	320
1 Shed for foreman & filter	1	30	20	600	"
1 Kitchen for above	1	10	8	80	"
1 Shed for female apistants	1	30	20	600	"
1 Shed for kitchen	1	10	8	80	"
1 Shed for male servants.	1	32	10	320	320
B Segregation Camp.					
10 Sheds in 3 blocks for Brahmins, Lingayets & other castes	10	24	18	4320	"
1 Shed for European Quarters	½	33/8	24/8	896	"
1 Shed for Servants' Quarters	1	40	10	400	400
1 Kitchen for above	1	10	10	100	"
C. Staff Quarters: Store					
1 Shed for Police Quarters	1	48	10	480	480
1 Shed for Servants' Quarters	1	32	10	320	320
1 Shed for Stores	1	12	10	120	"
1 Shed for Hospital apistants	1	24	22	528	"
D Hospital & Plague Camp.					
1 Shed for European male & female patients	1	24	24	576	"
1 Shed for Servants in attendance on above	1	20	10	200	200
1 Kitchen for above	1	8	10	80	"
1 Shed for wards for male & female patients	1	48	20	960	"
2 Sheds for friends & relatives in attendance on native patients	2	24	14	672	672
2 Sheds for disinfecting & bathing do do.	2	18	10	360	"
1 Shed for Hospital apistant on duty @ plague Hospital	1	24	22	528	"
1 Shed for nurse do do.	1	14	20	280	"
1 Kitchen	1	10	10	100	"
1 Shed for Servants' quarters	1	40	10	400	400
1 Kitchen	1	16	10	160	"
Latrines	12	"	"	"	"
Drainages	L	S.	Rupees		
Total					
Add Establishment Charges @ 10%					
Grand Total					

Mysore P. W. Department

...structing Quarantine sheds at Harihar. 1904

...il verandah		Sheds with veranda				Sheds with corrugated iron-sheet walls				Sheds of different sorts & different rates				
...ft.	Cost	Area	Rate per sq ft		Cost	Area	Rate per sq. ft.		Cost.	Area	Rate per sq ft			Cost.
2 2/5	154	"	"	"	"	"	"	"	"		"	"	"	"
2 2/5	154	"	"	"	"	"	"	"	"		"	"	"	"
"	"	"	"	"	"	"	"	"	"		360	"	11	10 14/15	268
2 2/5	164	"	"	"	"	"	"	"	"		"	"	"	"	"
"	"	600	"	7	1 3/25	266	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	80	"	15	4 4/5	77	"	"	"	"	"
"	"	600	"	7	1 3/25	266	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	80	"	15	4 4/5	77	"	"	"	"	"
2 2/5	164	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	4320	"	7	1 3/25	1915	"	"	"	"	"	"	"	"	"	"
"	"	896	"	7	1 3/25	397	"	"	"	"	"	"	"	"	"	"
2 2/5	205	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	100	100	"	15	4 4/5	96	"	"	"	"	"
2 2/5	246	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
8 2 2/5	164	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	120	0	13	4	100
"	"	528	"	7	1 3/25	234	"	"	"	"	"	"	"	"	"	"
"	"	576	"	7	1 3/25	255	"	"	"	"	"	"	"	"	"	"
8 2 2/5	103	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	80	"	15	4 4/5	77	"	"	"	"	"
"	"	960	"	7	1 3/25	426	"	"	"	"	"	"	"	"	"	"
8 2 2/5	345	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	360	"	11	10 14/15	268
"	"	528	"	7	1 3/25	234	"	"	"	"	"	"	"	"	"	"
"	"	280	"	7	1 3/25	124	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	100	"	15	4 4/5	96	"	"	"	"	"
8 2 2/5	205	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	160	"	15	4 4/5	154	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	12	108	"	"	1296
																300
	1904					4117				577						2232
	190					412				58						223
																9713

Sd. Prahlada Rao,
Executive Engineer
Chitradurg Div.

Shed for foreman & Fitter with Verandah.

Excavating holes	32				No.	32
Gravelling rooms	2	15	12	1		
Verandah	2	30	4	1	240/600	
Total C. Yds.						22
Junglewood poles						
Central	5	16	"	"	80	
Sides	10	13	"	"	130	
do.	11	11			121	
Total R/ft.						331
Bamboos (big)	4	6	"	"	24	
Uprights to doors	4	13			52	
do.	2	12	"	"	24	
Ridge & side pieces	5	32	"	"	160	
Total R/ft.						236
Thatty walls sides	2	30	"	10	600	
Sides near verandah	2	8	"	8	128	
End & crop	3	12	"	10	360	
Gables	3	12	"	1½	54	
Bath room	2	2	"	8½	34	
Total					1176	
Deduction for doors	4	3	"	6	72	
do	2	2	"	5	20	
Windows	4	3	"	4	48	
Total deductions					140	
Balance thatty walls after reduction. Sq ft.						10·36
Roofing with corrugated iron sheets.						
Front & rear	2	32	13	"	832	
Total sq ft.						832
Doors	6	"	"	"	No.	6
Windows	4	"	"	"	No.	4
Tarring lump Sum of Rs						4
Bathing Cisterns 3'×3'	2	"	"	"	No.	2.

Chitaldrug Division — Mysore P. W. Department

Detailed estimate of the probable cost of constructing Quarantine sheds at Hoarhar.

Details of work	No.	Dimensions L.	B.	D.	C	
Sheds for different castes for males and females for giving disinfecting baths						
P. S. Rupees						
Excavating holes						3
Gravelling rooms. Inside room	3	10	6	1	180	
Total					180	c.yds 7
Jungle wood poles						
central	4	13½	"	"	54	
Sides	8	11			88	
Total c.ft.						142
Bamboos (big) Ridge & Side pieces	3	20	"	"	60	
Uprights to doors	3	11			33	
Total Rft.						93
Roofing with corrugated iron sheets						
Front & rear	2	20	7	"	280	
Total Sq. ft.						280
Burnt brick with chunnam						
Walls of cistern	2	4½	¾	4	27	
Do.	2	3	¾	4	18	
Drains	3	10	1	1	30	
Total c.ft						

Abstract.

Items of work	per	Rate	Quantity	Cost
Excavating Holes. L. S. Rs.				1
Gravelling including ½ mile av. lead.	Cyds	" 6 "	3	1
Jungle wood poles	Rft	" 2 "	71	9
Bambees big	do	" " 3	41	1
Roofing with corrugated iron sheets	Sft	" 2 "	453	5
Doors	each	2 " "	1	2
Paving Lime & Stone Rs.				2
Building Cistern 2'×2'	each	10 " "		10
Add contingencies @ 5%.				4
Grand Total				77
Area = 80				
Cost per Sq. ft. = 0-15-4 4/5				

Shed for Store house.

Earth work excavating foundation						
Long Walls	2	15	1½	1	45	
Cross Walls	2	10	1½	1	30/75	3
Hentay Walls Long Walls	2	15	1½	8	360	
Side Walls	2	10	1½	8	240	
Gables	2	10	1½	5/6	25	
Total					625	
Deduct for doors	1	3	1½	6	27	
Balance hentay Walls	Cft 3					59
Jungle wood poles Side & Ridge	3	17	"		51	
Total Rft.						
Roofing with corrugated iron sheets						
Front & rear	2	17	6½		221	
Total sq. ft.						
Door complete						

Abstract

12

Items of work	per	Rate	Quantity	cost
Earth work	C.yds	" 2 "	3	1
Rentay walls	C ft	" 1 "	598	37
Jungle wood poles	R ft	" 2 "	51	7
Roofing with corrugated iron-sheets	S ft	" 3 "	221	41
Door complete	each	10 " "		10
Total Rupees				96
Add contingencies @ 5%				4
Grand Total Rs				100
Area = 120 sq. ft.				
∴ Cost per sq. ft = 0-13-4				

13

Read:- Urgent

ATION Camp

LS No. 32-98

N. 259

Letter no. 4326 / Mis 956 dt 19th July 98,

from the Plague Commr in Kaira

forwarding for sanction an estimate

for Rs 9713 for constructing sheds

at Haribhar

with corrugated iron roofs and

mat sides, to be used as a dis-

infection and detention Camp

for passengers arriving from

infected areas, and stating

that the sheds lately erected

are practically quite unfit

for occupation during the

present rainy season, but may

be used as a Health Camp if plague breaks out at Haribhar

Order thereon: Nos 1924-25-

Dy No 4A 21-96

Dt 4-8-98

Noted by Dewan

Dt 8-8-98

Appd by Dewan - Dpue 8-8-98 - Make a note - Prof. to call it in the 1st Prof. - & place it in the file

8/8/98

The proposed construction of the estimate submitted with sheds to accommodate a maximum crowd of persons is sanctioned - It is understood that the Plague Commr has since revised the estimate & reduced the cost by about 3000 Rs with a

8/8/98

Secretary.

Rs 9713 as sanctioned for in the

margin

Do, the Plague Commr

Do, the Comptr with copy of the Estimate -

Need to the amount thus saved being utilized for the construction of sheds Elsewhere if necessary